

**Flood Control Project Maintenance
Levee Inspections****LMA District Cover Sheet****Spring 2014 Levee Inspection Results****Reclamation District No. 0536 Egbert**

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
* Overall LMA Rating (Fall Only)				

** Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.

*
SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports. This rating is not intended to be an indication of risk.

Comments

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2014 Levee Inspection Results

Reclamation District No. 0536 Egbert

Waterway			Bank	Unit Miles
Unit No. 01 Lindsey Slough			Right	5.66
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	04/09/2014 - 04/09/2014			
DWR Inspector	Herman Phillips			
Accompanied By				

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.66	04/09/2014 04/09/2014	Herman Phillips

LM Start		Rating **	M	Issue No.	38
LM End		Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Flood Preparedness & Training				°
					°
DWR ID	DWR_RD0536_01_s _ 2012_38				
Action/Comments					

No Photos

LM Start		Rating **	M	Issue No.	39
LM End		Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Operations & Maintenance Manuals				°
					°
DWR ID	DWR_RD0536_01_s _ 2012_39				
Action/Comments					
Inspector Comments: District needs to get a copy of the O&M manual.					

No Photos

LM Start		Rating **	M	Issue No.	40
LM End		Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Emergency Supplies & Equipment				°
					°
DWR ID	DWR_RD0536_01_s _ 2012_40				
Action/Comments					
Inspector Comments: The district should keep a supply of floodfight materials.					

No Photos

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.66	04/09/2014 04/09/2014	Herman Phillips

LM Start	0.00	Rating **	M	Issue No.	3
LM End	0.00	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.244963 °	38.244963 °
				-121.768960 °	-121.768960 °
DWR ID	DWR_RD0536_01_s _ 2014_3				
Action/Comments					
Inspector Comments: FS_ID:20406					
EP_NO: 10114					
Repair Type:					
Crossing Status:					
UCIP Comments: - Holes in pipe outlet due to heavy corrosion.					
Needs detailed investigation of the pipe.Headwall cracked and tilted on WS.					
FIELD_STRUCT_DESC: 1 of 2: 60-inch corrugated metal pipe (of 60-inch and 36-inch CMP) through levee 10.0 feet below crown in drain ditch. (ABO 10114, 1974). Originally included in the 1953 O&M manual, Sac 106, May 1953.					
FS Date: 8/13/2013					

Photo 1 of 1 : UCIP_2234.jpg



LS view: two inlet CMPs with flap gates. Concrete headwall supports the pipes. A 36" CMP (right) and 60" CMP (left).

LM Start	0.00	Rating **	M	Issue No.	4
LM End	0.00	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.244959 °	38.244959 °
				-121.768921 °	-121.768921 °
DWR ID	DWR_RD0536_01_s _ 2014_4				
Action/Comments					
Inspector Comments: FS_ID:20674					
EP_NO: 10114					
Repair Type:					
Crossing Status:					
UCIP Comments: This pipe seems to be abandoned. Headwall cracked and tilted on WS.					
FIELD_STRUCT_DESC: 2 of 2: 36-inch corrugated metal pipe (of 60-inch and 36-inch CMP) through levee 10.0 feet below crown in drain ditch. (ABO 10114, 1974). Originally included in the 1953 O&M manual, Sac 106, May 1953.					
FS Date: 8/13/2013					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.66	04/09/2014 04/09/2014	Herman Phillips

LM Start	0.01	Rating **	M	Issue No.	57
LM End	0.01	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.244948 °	38.244948 °
				-121.768637 °	-121.768637 °
DWR ID	DWR_RD0536_01_f_2013_57				
Action/Comments					
Fence					
Inspector Comments: This is not a new fence.					

No Photos

LM Start	0.02	Rating **	A	Issue No.	21
LM End	0.02	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.244948 °	38.244948 °
				-121.768637 °	-121.768637 °
DWR ID	DWR_RD0536_01_f_2013_21				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

Photo 1 of 1 : phillips_s_20140602_05973.jpg



Looking downstream from levee mile 0.02 RD536 Unit 1. Photo taken 09-04-2014.

LM Start	0.25	Rating **	M	Issue No.	22
LM End	0.25	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.245463 °	38.245463 °
				-121.764528 °	-121.764528 °
DWR ID	DWR_RD0536_01_s_2014_22				
Action/Comments					
Prunings					

No Photos

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.66	04/09/2014 04/09/2014	Herman Phillips

LM Start	0.31	Rating **	M	Issue No.	58
LM End	0.32	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.245594 °	38.245598 °
				-121.763463 °	-121.763280 °
DWR ID	DWR_RD0536_01_f_2013_58				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

No Photos

LM Start	0.31	Rating **	M	Issue No.	6
LM End	0.31	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.245605 °	38.245605 °
				-121.763441 °	-121.763441 °
DWR ID	DWR_RD0536_01_s_2014_6				
Action/Comments					
Inspector Comments: FS_ID:20675					
EP_NO: 10114					
Repair Type:					
Crossing Status:					
UCIP Comments: Outlet was blocked by concrete debri and					
Needs cleaning of debri.					
FIELD_STRUCT_DESC: 24-inch corrugated metal drain pipe through					
levee 10.5 feet below crown. Flap gate on waterward end. Originally					
included in the 1953 O&M manual, Sac 106, May 1953.					
FS Date: 8/13/2013					

Photo 1 of 1 : UCIP_2272.jpg



WS view: overview of exposed CM pipe on levee slope.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
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A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.66	04/09/2014 04/09/2014	Herman Phillips

LM Start	0.42	Rating **	C	Issue No.	43
LM End	0.58	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.246404 °	38.248522 °
				-121.762050 °	-121.760858 °
DWR ID	DWR_RD0536_01_f_2013_43				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

No Photos

LM Start	0.44	Rating **	C	Issue No.	45
LM End	0.50	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.246660 °	38.247464 °
				-121.761905 °	-121.761447 °
DWR ID	DWR_RD0536_01_f_2013_45				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

No Photos

LM Start	0.67	Rating **	M	Issue No.	7
LM End	0.98	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	USACE Erosion Survey			38.249615 °	38.253717 °
				-121.760165 °	-121.757979 °
DWR ID					
Action/Comments					
Inspector Comments: 2011 - Multiple sections of slumping bank. 2013: Site is part of the extended inventory, last inspected 2011. [2013 Site ID: LDS_0-6_R]					

No Photos

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
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A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.66	04/09/2014 04/09/2014	Herman Phillips

LM Start	0.70	Rating **	U	Issue No.	28
LM End	2.32	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.249939 °	38.258615 °
				-121.759730 °	-121.741849 °
DWR ID	DWR_RD0536_01_s _ 2014_28				
Action/Comments					
Keep the crown roadway free of vegetation. Inspector Comments: Grasses taller than 24 inches present on crown roadway.					

Photo 1 of 1 : phillips_s_20140602_05978.jpg



From levee mile 0.70 -2.32 crown roadway over grown with tall weeds.

LM Start	0.93	Rating **	M	Issue No.	27
LM End	4.28	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.250750 °	38.248661 °
				-121.749210 °	-121.717443 °
DWR ID	DWR_RD0536_01_s _ 2012_27				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					

No Photos

LM Start	1.10	Rating **	U	Issue No.	25
LM End	1.10	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Repair Gates			38.255455 °	38.255455 °
				-121.757587 °	-121.757587 °
DWR ID	DWR_RD0536_01_s _ 2014_25				
Action/Comments					
Inspector Comments: This gate looks like its been run over, the bottom hinge is broken thus making the gate hard to open and close properly.					

Photo 1 of 1 : phillips_s_20140602_05972.jpg



This gate needs to be replaced.

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

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C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.66	04/09/2014 04/09/2014	Herman Phillips

LM Start	1.10	Rating **	M	Issue No.	46
LM End	1.76	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.255471 °	38.259686 °
				-121.757610 °	-121.749950 °
DWR ID	DWR_RD0536_01_f_2013_46				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

No Photos

LM Start	1.16	Rating **	M	Issue No.	34
LM End	4.25	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.256246 °	38.248888 °
				-121.757581 °	-121.718091 °
DWR ID	DWR_RD0536_01_s_2014_34				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					

No Photos

LM Start	1.16	Rating **	M	Issue No.	47
LM End	3.67	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.256265 °	38.252684 °
				-121.757579 °	-121.726477 °
DWR ID	DWR_RD0536_01_f_2013_47				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

No Photos

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.66	04/09/2014 04/09/2014	Herman Phillips

LM Start	1.26	Rating **	M	Issue No.	48
LM End	3.67	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.257711 °	38.252684 °
				-121.757500 °	-121.726477 °
DWR ID	DWR_RD0536_01_f_2013_48				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

No Photos

LM Start	1.27	Rating **	M	Issue No.	8
LM End	3.74	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.257888 °	38.251710 °
				-121.757461 °	-121.726261 °
DWR ID	DWR_RD0536_01_f_2012_8				
Action/Comments					
Repair depressions or ruts in the crown or slope.					

No Photos

LM Start	1.56	Rating **	M	Issue No.	49
LM End	1.58	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.258666 °	38.258798 °
				-121.753300 °	-121.752782 °
DWR ID	DWR_RD0536_01_f_2013_49				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					

No Photos

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.66	04/09/2014 04/09/2014	Herman Phillips

LM Start	1.61	Rating **	M	Issue No.	50
LM End	1.66	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.259120 °	38.259593 °
				-121.752229 °	-121.751689 °
DWR ID	DWR_RD0536_01_f_2013_50				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					

No Photos

LM Start	1.72	Rating **	M	Issue No.	14
LM End	1.76	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Cracking			38.259846 °	38.259735 °
				-121.750813 °	-121.749959 °
DWR ID	DWR_RD0536_01_s_2012_14				
Action/Comments					
Monitor and have inspected by geotechnical engineer.					

No Photos

LM Start	1.76	Rating **	M	Issue No.	33
LM End	1.76	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Repair Gates			38.259822 °	38.259822 °
				-121.750241 °	38.259822 °
DWR ID	DWR_RD0536_01_s_2013_33				
Action/Comments					
Inspector Comments: This gate needs to be repaired.					

No Photos

*** Location**
LS : Land Side
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable
M : Minimally Acceptable
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C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.66	04/09/2014 04/09/2014	Herman Phillips

LM Start	1.76	Rating **	U	Issue No.	51
LM End	1.84	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.259686 °	38.259986 °
				-121.749950 °	-121.748717 °
DWR ID	DWR_RD0536_01_f_2013_51				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comments: Growth on crown roadway taller than 12 inches.					

Photo 1 of 1 : phillips_s_20140602_05974.jpg



RD 536 Looking downstream from levee mile 1.76-1.84 crown overgrown with weeds. Photo taken 09-04-2014.

LM Start	1.76	Rating **	U	Issue No.	41
LM End	4.91	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.259687 °	38.245426 °
				-121.749982 °	-121.709133 °
DWR ID	DWR_RD0536_01_s_2014_41				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					
Inspector Comments: Weed/grasses taller than 24 inches present on levee slope and shoulder.					

Photo 1 of 1 : phillips_s_20140602_05975.jpg



Tall weeds has taken over the landside slope.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
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N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.66	04/09/2014 04/09/2014	Herman Phillips

LM Start	1.76	Rating **	U	Issue No.	37
LM End	4.68	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.259698 °	38.247721 °
				-121.750004 °	-121.711768 °
DWR ID	DWR_RD0536_01_s _ 2014_37				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements. Inspector Comments: Growth taller than 24 inches present on levee section.					

Photo 1 of 1 : phillips_s_20140602_05976.jpg



Looking downstream at the waterside slope and toe over taken with tall weeds.

LM Start	1.78	Rating **	M	Issue No.	44
LM End	1.78	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.258952 °	38.258952 °
				-121.748254 °	-121.748254 °
DWR ID	DWR_RD0536_01_s _ 2014_44				
Action/Comments					
Trim and thin trees to allow visibility of the ground and room to flood fight.					

No Photos

LM Start	2.05	Rating **	M	Issue No.	59
LM End	2.05	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.257917 °	38.257917 °
				-121.746789 °	-121.746789 °
DWR ID	DWR_RD0536_01_s _ 2014_59				
Action/Comments					
Trim and thin trees to allow visibility of the ground and room to flood fight.					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.66	04/09/2014 04/09/2014	Herman Phillips

LM Start	2.15	Rating **	M	Issue No.	60
LM End	2.15	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.257966 °	38.257966 °
				-121.744912 °	-121.744912 °
DWR ID	DWR_RD0536_01_s _ 2014_60				
Action/Comments					
Trim and thin trees to allow visibility of the ground and room to flood fight.					

No Photos

LM Start	2.18	Rating **	M	Issue No.	23
LM End	2.19	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.258019 °	38.258093 °
				-121.744444 °	-121.744052 °
DWR ID	DWR_RD0536_01_f _ 2012_23				
Action/Comments					
Add appropriate material and re-grade the levee to bring the crown above the design elevation.					

No Photos

LM Start	2.26	Rating **	M	Issue No.	26
LM End	2.26	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.258345 °	38.258345 °
				-121.742915 °	-121.742915 °
DWR ID	DWR_RD0536_01_f _ 2012_26				
Action/Comments					
Trim trees to at least five feet above ground level.					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.66	04/09/2014 04/09/2014	Herman Phillips

LM Start	2.31	Rating **	M	Issue No.	54
LM End	2.31	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.258553 °	38.258553 °
				-121.742088 °	-121.742088 °
DWR ID	DWR_RD0536_01_f_2013_54				
Action/Comments					
Trim trees to at least five feet above ground level.					

No Photos

LM Start	2.41	Rating **	M	Issue No.	55
LM End	2.41	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.258368 °	38.258368 °
				-121.740406 °	-121.740406 °
DWR ID	DWR_RD0536_01_f_2013_55				
Action/Comments					
Tree or limb					

No Photos

LM Start	2.49	Rating **	M	Issue No.	30
LM End	2.49	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.257663 °	38.257663 °
				-121.739072 °	-121.739072 °
DWR ID	DWR_RD0536_01_f_2012_30				
Action/Comments					
Add appropriate gravel or road base. Grade and compact.					

No Photos

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.66	04/09/2014 04/09/2014	Herman Phillips

LM Start	2.54	Rating **	U	Issue No.	61
LM End	4.68	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.257269 °	38.247720 °
				-121.738446 °	-121.711769 °
DWR ID	DWR_RD0536_01_s _ 2014_61				
Action/Comments					
Keep the crown roadway free of vegetation.					

Photo 1 of 1 : phillips_s_20140602_05977.jpg



Looking downstream from levee mile to 4.68 at crown roadway overgrown with tall weeds.

LM Start	2.56	Rating **	M	Issue No.	31
LM End	2.68	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.256964 °	38.255321 °
				-121.738473 °	-121.738085 °
DWR ID	DWR_RD0536_01_f_2012_31				
Action/Comments					
Add appropriate gravel or road base. Grade and compact.					

No Photos

LM Start	2.68	Rating **	M	Issue No.	18
LM End	3.20	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Cracking			38.255315 °	38.256003 °
				-121.738007 °	-121.729599 °
DWR ID	DWR_RD0536_01_s _ 2012_18				
Action/Comments					
Monitor and have inspected by geotechnical engineer.					

No Photos

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.66	04/09/2014 04/09/2014	Herman Phillips

LM Start	2.74	Rating **	M	Issue No.	62
LM End	2.74	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.254927 °	38.254927 °
				-121.737139 °	-121.737138 °
DWR ID	DWR_RD0536_01_s _ 2014_62				
Action/Comments					
Trim and thin trees to allow visibility of the ground and room to flood fight.					

No Photos

LM Start	2.95	Rating **	M	Issue No.	63
LM End	2.95	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.256098 °	38.256098 °
				-121.733720 °	-121.733720 °
DWR ID	DWR_RD0536_01_s _ 2014_63				
Action/Comments					
Trim and thin trees to allow visibility of the ground and room to flood fight.					

No Photos

LM Start	3.38	Rating **	M	Issue No.	20
LM End	3.44	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Cracking			38.256471 °	38.255736 °
				-121.726605 °	-121.726059 °
DWR ID	DWR_RD0536_01_s _ 2012_20				
Action/Comments					
Monitor and have inspected by geotechnical engineer.					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.66	04/09/2014 04/09/2014	Herman Phillips

LM Start	3.68	Rating **	U	Issue No.	36
LM End	3.68	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Repair Gates			38.252578 °	38.252578 °
				-121.726439 °	-121.726439 °
DWR ID	DWR_RD0536_01_s _ 2012_36				
Action/Comments					
Inspector Comments: This gate need to be repaired.					

Photo 1 of 1 : phillips_s_20140306_912.jpg



Repair this gate. Someone could get hurt trying to open and close this gate. No new picture was taken, no change to this gate. 09-04-2014.

LM Start	3.93	Rating **	M	Issue No.	32
LM End	4.19	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.250728 °	38.249578 °
				-121.722992 °	-121.718768 °
DWR ID	DWR_RD0536_01_f _ 2012_32				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					

No Photos

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.66	04/09/2014 04/09/2014	Herman Phillips

LM Start	3.95	Rating **	M	Issue No.	9
LM End	3.95	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.250693 °	38.250693 °
				-121.722759 °	-121.722759 °
DWR ID	DWR_RD0536_01_s _ 2014_9				
Action/Comments					
Inspector Comments: FS_ID:20504					
EP_NO: 2131					
Repair Type:					
Crossing Status:					
UCIP Comments: Pump is missing at the time of inspection. May be taken out for repair. Flap gate on waterward end not found/visible as pipe was submerged into water. Pipe itself is a walkway with steel handrail.					
FIELD_STRUCT_DESC: 20-inch pipe through levee 1.5 feet below crown. Pump on steel platform in drain ditch on landward side. Siphon breaker on waterward slope exposed on both slopes. (Permit No. 2131, 1955).					
FS Date: 8/13/2013					

Photo 1 of 1 : UCIP_2242.jpg



WS view: exposed steel pipe with siphon breaker on levee slope.

LM Start	4.68	Rating **	M	Issue No.	64
LM End	4.77	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.247719 °	38.246476 °
				-121.711768 °	-121.711183 °
DWR ID	DWR_RD0536_01_s _ 2014_64				
Action/Comments					
Fence					

No Photos

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.66	04/09/2014 04/09/2014	Herman Phillips

LM Start	4.94	Rating **	M	Issue No.	16
LM End	4.96	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	USACE Erosion Survey			38.245581 °	38.245667 °
				-121.708605 °	-121.708327 °
DWR ID					
Action/Comments					
Inspector Comments: 2011 - Multiple erosion pockets from tree popouts. A smaller erosion pocket in the middle of a failing bank repair. Pump structure at the downstream end may be contributing to the erosion. 2013: Site is part of the extended inventory, last inspected 2011. [2013 Site ID: LDS_0-8_R]					

No Photos

LM Start	4.97	Rating **	M	Issue No.	10
LM End	4.97	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.245643 °	38.245643 °
				-121.708162 °	-121.708162 °
DWR ID	DWR_RD0536_01_s_2014_10				
Action/Comments					
Inspector Comments: FS_ID:20523					
EP_NO: 10116					
Repair Type:					
Crossing Status:					
UCIP Comments: Pipe seems to be abandoned. Catwalk and pumphouse on riverside not found. It is not clear whether the pipe pass through the levee or not. Needs more info from LMA/DWR Inspector.					
FIELD_STRUCT_DESC: 3-inch B.I. galvanized pipe through levee 4.0 feet below crown. Concrete cradle and tank on waterward slope.					
FS Date: 8/13/2013					

Photo 1 of 1 : UCIP_2247.jpg



WS view: pump, pipe, gate valve, and wooden piling structure in the stream.

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.66	04/09/2014 04/09/2014	Herman Phillips

LM Start	5.00	Rating **	M	Issue No.	15
LM End	5.03	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	USACE Erosion Survey			38.245981 °	38.246326 °
				-121.707609 °	-121.706737 °
DWR ID					
Action/Comments					
Inspector Comments: 2011 - Levee toe is unraveling with large slumping sections. This site is downstream of old bank rock. 2012 - Erosion pocket has increased in size. 2013: Site is part of the extended inventory, last inspected 2011. [2013 Site ID: LDS_0-7_R]					

No Photos

LM Start	5.10	Rating **	M	Issue No.	12
LM End	5.10	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.245783 °	38.245783 °
				-121.705999 °	-121.705999 °
DWR ID	DWR_RD0536_01_s_2014_12				
Action/Comments					
Inspector Comments: FS_ID:20543					
EP_NO: 3873					
Repair Type:					
Crossing Status:					
UCIP Comments: Pipe seems to be abandoned. Needs proper abandonment.					
FIELD_STRUCT_DESC: 6-inch pipe through levee 2. 0 feet below crown. Pump on concrete base on waterward slope. Gate valve on waterward slope. (Permit No.3873, 1962).					
FS Date: 8/13/2013					

Photo 1 of 1 : UCIP_2249.jpg



WS view: abandoned pipe, pump, conduit, and gate valve on levee slope.

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

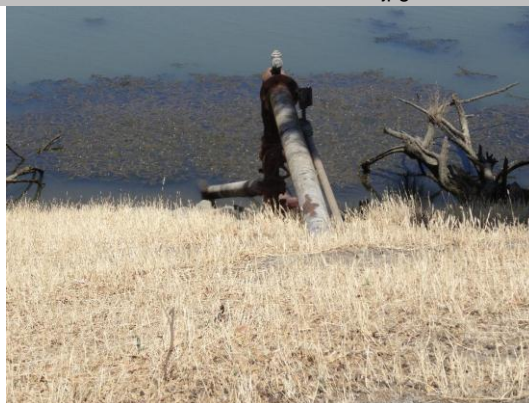
Levee Inspection Report By Mile - Spring 2014

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.66	04/09/2014 04/09/2014	Herman Phillips

LM Start	5.10	Rating **	M	Issue No.	13
LM End	5.10	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.245783 °	38.245783 °
				-121.705999 °	-121.705999 °
DWR ID	DWR_RD0536_01_s_2014_13				
Action/Comments					
Inspector Comments: FS_ID:20869					
EP_NO: N/A					
Repair Type:					
Crossing Status:					
UCIP Comments: Field discovered pipe crossing. Needs more information from LMA/DWR Inspector. Also needs more detailed inspection.					
FIELD_STRUCT_DESC: Approximately 6-inch steel pipe and an electric conduit through levee. A slant pump in steel support on channel bank. Gate valve on the pipe. No pipes and appurtenances on landside. Field discovered pipe crossing.					
FS Date: 8/13/2013					

Photo 1 of 1 : UCIP_2352.jpg



WS view: closer view of pipe and pump on channel bank.

LM Start	5.12	Rating **	M	Issue No.	17
LM End	5.12	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.245588 °	38.245588 °
				-121.705723 °	-121.705723 °
DWR ID	DWR_RD0536_01_s_2014_17				
Action/Comments					
Inspector Comments: FS_ID:20544					
EP_NO: N/A					
Repair Type:					
Crossing Status:					
UCIP Comments: - field discovered pipe seems abandoned pipe.					
Needs proper abandonment.					
FIELD_STRUCT_DESC: An abandoned 6-inch galvanized iron pipe on top of concrete pad and through levee. Details not available.					
FS Date: 8/13/2013					

Photo 1 of 1 : UCIP_2250.jpg



WS view: abandoned steel pipe on concrete pad.

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.66	04/09/2014 04/09/2014	Herman Phillips

LM Start	5.17	Rating **	U	Issue No.	65
LM End	5.31	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.245300 °	38.245653 °
				-121.704909 °	-121.702569 °
DWR ID	DWR_RD0536_01_s _ 2014_65				
Action/Comments					
Trees / Woody Vegetation					
Inspector Comments: These young oak trees need to be removed from the landward slope and shoulder before the get any larger.					

Photo 1 of 1 : phillips_s_20140602_05979.jpg



Looking downstream from levee mile 5.17 to 5.31 at unsatisfactory woody tree growth on landside levee slope and shoulder.

LM Start	5.17	Rating **	M	Issue No.	42
LM End	5.59	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.245333 °	38.245413 °
				-121.704724 °	-121.697309 °
DWR ID	DWR_RD0536_01_f _ 2012_42				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					

No Photos

LM Start	5.21	Rating **	M	Issue No.	29
LM End	5.40	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.245339 °	38.245786 °
				-121.704304 °	-121.700859 °
DWR ID	DWR_RD0536_01_s _ 2012_29				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.66	04/09/2014 04/09/2014	Herman Phillips

LM Start	5.39	Rating **	U	Issue No.	11
LM End	5.39	Issue Type +	En	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.245644 °	38.245644 °
				-121.701945 °	-121.701945 °
DWR ID	DWR_RD0536_01_s _ 2013_11				
Action/Comments					
Fence					
Inspector Comments: The District said that the property owner had this gate and barricade installed by the County.					

Photo 1 of 1 : phillips_s_20140602_05980.jpg



This gate and barricade has no CVFPB permit on file.

LM Start	5.39	Rating **	M	Issue No.	5
LM End	5.42	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.245602 °	38.245628 °
				-121.702037 °	-121.700970 °
DWR ID	DWR_RD0536_01_s _ 2012_5				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					

No Photos

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Lindsey Slough	Right	5.66	04/09/2014 04/09/2014	Herman Phillips

LM Start	5.50	Rating **	M	Issue No.	19
LM End	5.50	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.245512 °	38.245512 °
				-121.699119 °	-121.699119 °
DWR ID	DWR_RD0536_01_s_2014_19				
Action/Comments					
Inspector Comments: FS_ID:20563					
EP_NO: 7208					
Repair Type:					
Crossing Status:					
UCIP Comments: - siphon breaker needs cover/protection.service pole on landside of the levee.					
FIELD_STRUCT_DESC: 30-inch steel drain pipe through levee 5.7 feet below crown. Pump in piling structure in drain ditch on landward side.					
Siphon breaker on waterward shoulder. (Permit No. 7208, 1971)					
FS Date: 8/13/2013					

Photo 1 of 1 : UCIP_2252.jpg



LS view: pipe under the wooden walkway and pump on wooden platform in drain ditch.

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2014 Levee Inspection Results

Reclamation District No. 0536 Egbert

Waterway			Bank	Unit Miles
Unit No. 02 Yolo Bypass			Right	4.97
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	04/09/2014 - 04/09/2014			
DWR Inspector	Herman Phillips			
Accompanied By				

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Right	4.97	04/09/2014 04/09/2014	Herman Phillips

LM Start	0.01	Rating **	M	Issue No.	5
LM End	0.06	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.244240 °	38.243630 °
				-121.696830 °	-121.696470 °
DWR ID	DWR_RD0536_02_s _ 2012_5				
Action/Comments					
Equipment					

Photo 1 of 1 : phillips_s_20140602_05984.jpg



Unauthorized encroachment on the landward side within 10-foot of the levee toe, looking back upstream.

LM Start	0.01	Rating **	U	Issue No.	15
LM End	0.77	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.244295 °	38.233468 °
				-121.697016 °	-121.697968 °
DWR ID	DWR_RD0536_02_s _ 2014_15				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements. Inspector Comments: Weeds 3-foot tall present on slope and shoulder.					

Photo 1 of 1 : phillips_s_20140602_05981.jpg



Looking downstream at waterside slope and shoulder covered with wild weed growth.

LM Start	0.02	Rating **	U	Issue No.	17
LM End	0.02	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.244225 °	38.244225 °
				-121.696980 °	-121.696980 °
DWR ID	DWR_RD0536_02_s _ 2014_17				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comments: Bambo on landside toe.					

Photo 1 of 1 : phillips_s_20140602_05985.jpg



Remove unwanted growth of bambo from landward toe.

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
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C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Right	4.97	04/09/2014 04/09/2014	Herman Phillips

LM Start	0.04	Rating **	M	Issue No.	1
LM End	2.09	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.243813 °	38.214528 °
				-121.696933 °	-121.693788 °
DWR ID	DWR_RD0536_02_s_2012_1				
Action/Comments					
Repair depressions or ruts in the crown or slope.					

No Photos

LM Start	0.04	Rating **	U	Issue No.	18
LM End	2.11	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.243894 °	38.214578 °
				-121.696919 °	-121.693953 °
DWR ID	DWR_RD0536_02_s_2014_18				
Action/Comments					
Keep the crown roadway free of vegetation.					

Photo 1 of 1 : phillips_s_20140602_05982.jpg



Crown roadway covered with tall weeds.

LM Start	0.10	Rating **	U	Issue No.	19
LM End	0.10	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.243168 °	38.243168 °
				-121.697040 °	-121.697040 °
DWR ID	DWR_RD0536_02_s_2014_19				
Action/Comments					
Equipment					

Photo 1 of 1 : phillips_s_20140602_05983.jpg



Unauthorized encroachment on landside toe, farm equipment and fuel tanks within 10-foot of the landside toe.

*** Location**

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WS : Water Side
CR : Crown

**** Rating**

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+ Issue Type

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Right	4.97	04/09/2014 04/09/2014	Herman Phillips

LM Start	0.26	Rating **	U	Issue No.	20
LM End	3.40	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.240820 °	38.197754 °
				-121.697450 °	-121.683742 °
DWR ID	DWR_RD0536_02_s _ 2014_20				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements. Inspector Comments: Weeds taller than 3-foot present on slope and shoulder.					

Photo 1 of 1 : phillips_s_20140602_05986.jpg



Looking downstream from levee mile 0.26 landside slope to levee mile 3.40 tall weeds covering levee section.

LM Start	0.77	Rating **	M	Issue No.	16
LM End	2.15	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.233467 °	38.214050 °
				-121.698007 °	-121.693725 °
DWR ID	DWR_RD0536_02_f_2012_16				
Action/Comments					
Add appropriate gravel or road base. Grade and compact.					

No Photos

LM Start	0.77	Rating **	U	Issue No.	23
LM End	3.40	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.233466 °	38.197754 °
				-121.697955 °	-121.683742 °
DWR ID	DWR_RD0536_02_s _ 2014_23				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

Photo 1 of 1 : phillips_s_20140602_05987.jpg



Looking downstream from levee mile 0.77 to levee mile 3.40 waterside slope overgrown with tall weeds.

* Location
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A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Right	4.97	04/09/2014 04/09/2014	Herman Phillips

LM Start	1.09	Rating **	M	Issue No.	2
LM End	1.15	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.228881 °	38.227928 °
				-121.697754 °	-121.697621 °
DWR ID	DWR_RD0536_02_s _ 2012_2				
Action/Comments					
Repair depressions or ruts in the crown or slope.					

No Photos

LM Start	1.40	Rating **	M	Issue No.	4
LM End	1.40	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.224423 °	38.224423 °
				-121.697049 °	-121.697049 °
DWR ID	DWR_RD0536_02_s _ 2014_4				
Action/Comments					
Inspector Comments: FS_ID:20664					
EP_NO: 17829					
Repair Type:					
Crossing Status:					
UCIP Comments: Indicator is found only on WS. The indicator is different than standard indicator. Needs more info from LMA/DWR Inspector.					
FIELD_STRUCT_DESC: 3.5-inch welded steel natural gas pipe through levee 44.0 feet below crown (Permit No. 17829, 2004).					
FS Date: 8/13/2013					

Photo 1 of 1 : UCIP_2258.jpg



WS view: natural gas extraction plant near levee on the field.

* Location
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CR : Crown

** Rating
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A/W : Acceptable but Monitor & Maintain

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Right	4.97	04/09/2014 04/09/2014	Herman Phillips

LM Start	1.40	Rating **	M	Issue No.	9
LM End	1.40	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.224382 °	38.224382 °
				-121.697050 °	-121.697050 °
DWR ID	DWR_RD0536_02_f_2013_9				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					

No Photos

LM Start	2.10	Rating **	M	Issue No.	14
LM End	2.98	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.214666 °	38.203122 °
				-121.693969 °	-121.687179 °
DWR ID	DWR_RD0536_02_s_2012_14				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					

No Photos

LM Start	2.11	Rating **	M	Issue No.	24
LM End	3.40	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.214579 °	38.197754 °
				-121.693953 °	-121.683742 °
DWR ID	DWR_RD0536_02_s_2014_24				
Action/Comments					
Keep the crown roadway free of vegetation.					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Right	4.97	04/09/2014 04/09/2014	Herman Phillips

LM Start	2.44	Rating **	M	Issue No.	8
LM End	2.44	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.210063 °	38.210063 °
				-121.691768 °	-121.691768 °
DWR ID	DWR_RD0536_02_s_2014_8				
Action/Comments					
Inspector Comments: FS_ID:20647					
EP_NO: N/A					
Repair Type:					
Crossing Status:					
UCIP Comments: Needs more info from LMA/DWR Inspector. Pump and pipe looks new.					
FIELD_STRUCT_DESC: A 12-inch steel pipe with vertical pump on drainage ditch. No other details available.					
FS Date: 8/13/2013					

Photo 1 of 1 : UCIP_2257.jpg



WS view: overview of pipe and pump (left). Big pump and appurtenances (right) for 24" steel pipe.

LM Start	2.56	Rating **	M	Issue No.	21
LM End	3.43	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.208572 °	38.197429 °
				-121.690870 °	-121.683666 °
DWR ID	DWR_RD0536_02_s_2013_21				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					

No Photos

* Location
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A/W : Acceptable but Monitor & Maintain

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Right	4.97	04/09/2014 04/09/2014	Herman Phillips

LM Start	2.76	Rating **	M	Issue No.	25
LM End	3.31	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.205944 °	38.199012 °
				-121.689174 °	-121.684186 °
DWR ID	DWR_RD0536_02_s _ 2013_25				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					

No Photos

LM Start	2.91	Rating **	M	Issue No.	12
LM End	4.14	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.204100 °	38.195623 °
				-121.687931 °	-121.696366 °
DWR ID	DWR_RD0536_02_f _ 2013_12				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

No Photos

LM Start	3.44	Rating **	M	Issue No.	13
LM End	4.14	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.197131 °	38.195623 °
				-121.683686 °	-121.696366 °
DWR ID	DWR_RD0536_02_f _ 2013_13				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

No Photos

* Location LS : Land Side WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Right	4.97	04/09/2014 04/09/2014	Herman Phillips

LM Start	3.47	Rating **	M	Issue No.	22
LM End	4.97	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.197153 °	°
				-121.684042 °	°
DWR ID	DWR_RD0536_02_f_2013_22				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

No Photos

LM Start	3.69	Rating **	M	Issue No.	10
LM End	3.70	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.196982 °	38.196850 °
				-121.688350 °	-121.688542 °
DWR ID	DWR_RD0536_02_s_2012_10				
Action/Comments					
Schedule repair of erosion site prior to the next inspection.					

No Photos

LM Start	3.74	Rating **	M	Issue No.	3
LM End	3.75	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Crown Surface / Depressions / Rutting			38.196881 °	38.196871 °
				-121.689038 °	-121.689220 °
DWR ID	DWR_RD0536_02_s_2013_3				
Action/Comments					
Add appropriate material and re-grade the levee to bring the crown above the design elevation.					

No Photos

*** Location**

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Reclamation District No. 0536 Egbert

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 Yolo Bypass	Right	4.97	04/09/2014 04/09/2014	Herman Phillips

LM Start	4.26	Rating **	U	Issue No.	7
LM End	4.26	Issue Type +	En	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.196406 °	38.196406 °
				-121.698410 °	-121.698410 °
DWR ID	DWR_RD0536_02_s _ 2013_7				
Action/Comments					
Pipe					
Inspector Comments: There is no permit for this pipe work. The owner is the District's President Mr. Page Baldwin.					

Photo 1 of 1 : phillips_s_20140306_919.JPG



Diesel motor and temporary pipe crossing levee. Photo taken 10-10-2013.

LM Start	4.31	Rating **	M	Issue No.	11
LM End	4.31	Issue Type +	En	Location *	CR
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			38.196429 °	38.196429 °
				-121.698962 °	-121.698962 °
DWR ID	DWR_RD0536_02_s _ 2014_11				
Action/Comments					
Inspector Comments: FS_ID:20673					
EP_NO: N/A					
Repair Type:					
Crossing Status:					
UCIP Comments: Canvase pipe is also used. Both sides have standpipe. Needs more exploration about the crossing.					
FIELD_STRUCT_DESC: 18-inch steel pipe on waterside of the levee. Steel standpipe on both sides of the levee. Temporary canvas about 2" below crown. Needs more exploration.					
FS Date: 8/13/2013					

Photo 1 of 1 : UCIP_2265.jpg



LS view: steel standpipe on levee slope.

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WS : Water Side
CR : Crown

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